



**Coastal**  
The Energy People

KEN PAYNE  
VICE PRESIDENT & GENERAL MANAGER  
UTAH FUEL COMPANY

July 14, 1993

**RECEIVED**

JUL 19 1993

DIVISION OF  
OIL, GAS & MINING

Mr. Daron Haddock, Permit Supervisor  
Division of Oil, Gas, and Mining  
255 West North Temple  
Three Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Response to Division Order 92E

Dear Mr. Haddock,

The following information is provided in response to field discussions with Sharon Falvey to resolve outstanding issues on Division Order 92E.

1. All ditches located at the waste rock disposal site will remain through reclamation except the concrete swale identified as SW-10 which will be removed prior to Phase II reclamation.
2. The design for DU-5 on pages 1 through 6 should be removed. The correct design for DU-5 is found on pages 62 through 67.
3. Page 11 has been revised showing SW-10 as a concrete swale. The Mannings coefficient on page 10 already reflects this type of construction.
4. Ditch UDD-2 is not to be rip-papped. It is cut into smooth and uniform rock as shown by the Mannings coefficient on page 7.
5. The reference for non-erosive velocities is to be found in Table 3.2, page 162 of the "Redbook" (Applied Hydrology and Sedimentology for Disturbed Areas - 1985 edition).
6. Drainage control ditches
  - a. Refuse pile ditches designed to 100 year - 6 hour event per R645-301-746.330.
  - b. Perennial and intermittent streams (DU-5) to 100 year - 6 hour event per R645-301-742.323.
  - c. Road ditches designed to 10 year - 6 hour event per R645-301-742.423.1.

**Utah Fuel Company**

A SUBSIDIARY OF THE COASTAL CORPORATION  
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*To assist in keeping the above information clear, an introductory sheet for section 14 has been prepared. Please call Keith Welch or Keith Zobell of my office if you have further questions.*

*Sincerely,*

A handwritten signature in black ink, appearing to read "Ken Payne". The signature is fluid and cursive, with a large initial "K" and a long, sweeping underline.

*Ken Payne  
Vice President/General Manager  
Skyline*

*KP:KW:dk  
Attachment*